

ABSTRACT OF THE DISCLOSURE

The present invention relates to an LPA shelf for a mobile communication base station. A plurality of LPA types are installed in one LPA shelf. The LPA shelf includes a signal dividing unit and a signal combining unit, which can connect either or both of paths. The LPA shelf further includes a first LPA type conversion unit and a second LPA type conversion unit, which perform a switching operation so as to use one LPA of six LPAs as either a redundant LPA or an LPA that amplifies a gamma sector signal. Accordingly, since a plurality of LPA types can be supported with one LPA shelf, it is possible to prevent service from being stopped and prevent the waste of time, cost and human resources due to the replacement of equipment.